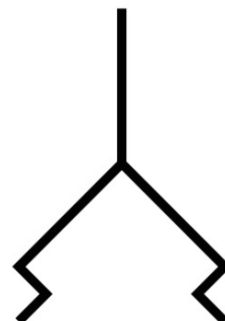


# Suction cup complete ESS-4-SF

Part number: 189272

FESTO



## Data sheet

 General operating condition

| Feature                                     | Value                                            |
|---------------------------------------------|--------------------------------------------------|
| Min. workpiece radius                       | 10 mm                                            |
| Nominal size                                | 1.2 mm                                           |
| Suction cup diameter                        | 4 mm                                             |
| Suction cup volume                          | 0.008 cm <sup>3</sup>                            |
| Suitable for ejector pulse                  | ≤4 bar                                           |
| Position of connection                      | Top                                              |
| Mounting position                           | optional                                         |
| Symbol                                      | 00991485                                         |
| Correlation to suction-cup holder           | Size 1                                           |
| Suction cup shape                           | Round, flat                                      |
| Operating pressure                          | -0.095 MPa ... 0 MPa                             |
| Operating pressure                          | -0.95 bar ... 0 bar                              |
| Operating pressure                          | -13.775 psi ... 0 psi                            |
| Nominal operating pressure                  | -0.07 MPa                                        |
| Nominal operating pressure                  | -0.7 bar                                         |
| Nominal operating pressure                  | -10.15 psi                                       |
| Operating medium                            | Atmospheric air based on ISO 8573-1:2010 [7:-:-] |
| Corrosion resistance class CRC              | 1 - Low corrosion stress                         |
| LABS (PWIS) conformity                      | VDMA24364-A1-L                                   |
| Suitable for use with food                  | See supplementary material information           |
| Ambient temperature                         | -10 °C ... 200 °C                                |
| Holding force at nominal operating pressure | 0.46 N                                           |
| Lateral force at nominal operating pressure | 0.5 N                                            |
| Product weight                              | 0.1 g                                            |
| Type of mounting                            | Via vacuum port                                  |
| Vacuum connection                           | Outside diameter 3 mm                            |
| Colour                                      | grey                                             |
| Shore hardness                              | 60 +/- 5                                         |
| Material screwed plug                       | Nickel-plated brass                              |
| Note on materials                           | RoHS-compliant                                   |

| Feature              | Value |
|----------------------|-------|
| Material suction cup | FPM   |